

CLAIMS

1. An electromagnetic shielding sheet comprising:
a transparent base sheet; and
a metal layer attached to one surface of the transparent base sheet;
wherein the metal layer has a mesh part, a peripheral mesh part surrounding the mesh part, and a grounding frame surrounding the peripheral mesh part, and
a width of lines forming meshes in the peripheral mesh part gradually increases from the mesh part toward the grounding frame.
2. An electromagnetic shielding sheet according to claim 1, wherein
lines forming meshes in the mesh part have a fixed width.
3. An electromagnetic shielding sheet according to claim 1 or 2, wherein
the peripheral mesh part has one to fifty meshes in a direction from the grounding frame toward the mesh part.
4. An electromagnetic shielding sheet according to claim 1 or 2, wherein
the peripheral mesh part has a width between 0.15 and 15 mm in a direction from the grounding frame toward the mesh part.
5. An electromagnetic shielding sheet according to claim 3, wherein
the peripheral mesh part has one to twenty-five meshes in a direction from the grounding frame toward the mesh part.
6. An electromagnetic shielding sheet according to claim 4, wherein
the peripheral mesh part has a width between 0.3 and

7.5 mm in a direction from the grounding frame toward the mesh part.

7. An electromagnetic shielding sheet according to any one of claims 1 to 6, wherein

the width of lines forming meshes in the peripheral mesh part continuously increases from the mesh part toward the grounding frame.

8. An electromagnetic shielding sheet according to any one of claims 1 to 6, wherein

the width of lines forming meshes in the peripheral mesh part stepwise increases from the mesh part toward the grounding frame.

9. An electromagnetic shielding sheet according to any one of claims 1 to 8, wherein

at least one of surfaces of the metal layer is treated by a blackening treatment.

10. An electromagnetic shielding sheet according to claim 9, wherein

an antirust layer is formed at least on the surface of the metal layer treated by the blackening treatment.

11. An electromagnetic shielding sheet according to any one of claims 1 to 10, wherein

at least meshes in the mesh part and the peripheral mesh part are filled up with a resin for substantial planarization of the metal layer.

12. An electromagnetic shielding sheet according to claim 11, wherein

the resin contains a color-correcting light absorber capable of absorbing visible light of wavelengths of 570 to 605 nm and/or a near-infrared absorber capable of absorbing light of

wavelengths in a near-infrared region of 800 to 1100 nm.

13. An electromagnetic shielding sheet according to claim 11, wherein

a color-correcting light absorber layer capable of absorbing visible light of wavelengths of 570 to 605 nm and/or a near-infrared absorber layer capable of absorbing light of wavelengths in a near-infrared region of 800 to 1100 nm is provided on at least one surface of the electromagnetic shielding sheet.